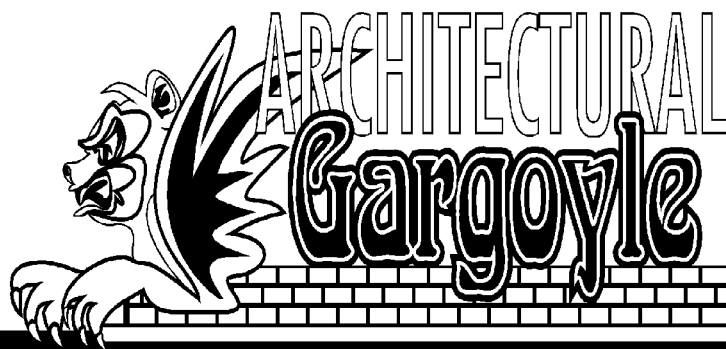




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AN INFORMAL PUBLICATION



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The **Gargoyle** is an informal news publication issued by the Architectural and Master Planning Team of the Technical Branch (CEMP-ET), Engineering and Construction Division, HQUSACE, and is sent to architects, interior designers, and landscape architects in USACE. Because of the conversion of the HQUSACE mail system to Outlook, Friends of the Gargoyle at Army and Air Force installations may have to request they be added to the mailing list again. Please distribute the Gargoyle to those whom you think will find it interesting or useful.

Gargoyle Basics

! The **Gargoyle** is distributed by e-mail to the addressees we have on our list of USACE Architectural, Interior Designer, Landscape Architectural Points of Contact (POC). Please let us know if your address changes to help us keep you in the loop. Your comments, recommendations, and questions about individual **Gargoyle** topics may be directed to the points of contact provided with each article. E-mail addresses and phone numbers for HQUSACE contributors are provided at the end of each edition. Your contributions are encouraged. **Information and news of interest to, or about, USACE architects, interior designers, or landscape architects should be e-mailed to Ami Ghosh.** Past and present **Gargoyles** are available on the World Wide Web (WWW) via our team home page at http://www.hq.usace.army.mil/cemp/e/ea/cemp_ea.htm. Web site references not included in individual articles are provided at the end of each **Gargoyle** edition under the heading *Important Web Sites*.

1998 Chief of Engineers Design and Environmental Awards Program

! The 1998 Chief of Engineers Design and Environmental Awards Program was judged on 3-4 March 1998 at HQUSACE. Seventy projects were submitted this year,

and twenty-two projects selected for awards, twelve in Military Programs, and ten in Civil Works. Projects in the two categories were judged independently by interdisciplinary juries of six design professionals each.

! The **Chief of Engineers Award of Excellence** was given to two projects this year, one in Military Programs (MP) and One in Civil Works (CW). The Military Programs winner was the Consolidated Education and Training Facility, U.S. Air Force Academy, Colorado, designed by HDR Architecture Inc., and executed by the **USAED, Omaha**. The Chief of Engineers Award of Excellence, Civil Works, was given to St. Paul Flood Control Project, Mississippi River, St. Paul, Minnesota, designed by Short Elliott Hendrickson, Inc., and executed by the **USAED, St. Paul**.

! **Honor Awards** were given to the following projects.

- Operations Center, Defense Supply Center Columbus, Columbus, Ohio, **USAED, Louisville, MP**.
- Waste Water treatment Facility, Edwards Air Force Base, California, **USAED, Los Angeles, MP**.
- Central Indianapolis Waterfront, Indianapolis, Indiana, **USAED, Louisville, CW**.
- Environmental Pool Management; Pike, Lincoln, and St. Louis Counties, Missouri, Calhoun, Jersey, and Madison Counties, Illinois, **USAED, St. Louis, CW**.
- Channel Maintenance Management Plan; Minnesota, Wisconsin, and Iowa, **USAED, St. Paul, CW**.

- Sonoma Baylands Wetland Demonstration Project, Sonoma County, California, **USAED, San Francisco, CW.**
- Sargent Beach, Texas 8-Mile Reach, Sargent Beach, Texas, **USAED, Galveston, CW.**

! Merit Awards are given to the following projects:

- Association of Graduates Building, U.S. Military Academy, West Point, New York, **USAED, New York, MP.**
- ADAL Integration Support Facility, Peterson Air Force Base, Colorado, **USAED, Omaha, MP.**
- Child Development Center, U.S. Air Force Academy, Colorado, **USAED, Omaha, MP.**
- T-38 Test Cell Remediation Project, Holloman Air Force Base, New Mexico, **USAED, Omaha, MP.**
- Bioremediation of Explosive-Contaminated Soil, Umatilla Chemical Depot, Hermiston, Oregon, **USAED, Seattle, MP.**
- Phase II Remedial Action, Tanapag Village, Saipan, **USAED, Honolulu, MP.**
- Repair Chillers, Building 137, Tripler Army Medical Center, Oahu, Hawaii, **USAED, Pacific Ocean, MP.**
- U.S. Army Reserve Command Headquarters, Fort McPherson, Georgia, **USAED, Savannah, MP.**
- Retention Basin at Old Camp Area, Marine Corps Air Station, Twenty-Nine Palms, California, **USAED, Los Angeles, MP.**
- Simon Estes Riverfront Amphitheater, Des Moines Recreational River and Greenbelt, Des Moines, Polk County, Iowa, **USAED, Rock Island, CW.**
- Gene A. Potter Memorial Bridge, Hobucken, North Carolina, **USAED, Wilmington, CW.**
- Vertical Lift Gates at Highway 28 & Grand Avenue, West Des Moines, Des Moines and West Des Moines, Iowa, **USAED, Rock Island, CW.**
- Mississippi River Levee Program, Issaquena County, Mississippi, **USAED, Vicksburg, CW.**

! The awards plaques and program brochure are currently in production. Plaques should be distributed to the points of contact listed on the confidential data forms in July. The 1998 awards brochure is ready to print and should be available later this summer. It will be available in paper copies, CDROM, and on the WWW at <http://www.hq.usace.army.mil/cemp/e/ea/awd/awndx.htm>.

! Contact Frank Norcross for additional information.

DA Facilities Standardization Program

! Unaccompanied Enlisted Personnel Housing (UEPH). A 1+1 Barracks Dedication and Ribbon Cutting Ceremony was held on 18 May 1998 at Ft. Detrick, MD. The barracks design is based on the "Quality of Life" criteria established by DoD in November 1995. This criteria provides a separate sleeping room with walk-in closet for each soldier, a bathroom for two soldiers maximum, and a service area containing a refrigerator, kitchen sink, counter top and storage cabinets. Also, provided is a Soldier Community Building which includes amenities such as the washer/dryer room, activity room, lounge area, TV room, mailbox area, and bulk storage in the basement. The barracks will house 240 enlisted and noncommissioned officers from the 1108th Signal Brigade and the 572th Military Police Unit. Comments made during the ceremony included, "...excellent work and working relationship with the Corps of Engineers"; "...the government is taking care of its' soldiers", and ".....very, very nice quarters showing our commitment to our young soldiers."

! Basic Training Barracks. A briefing by the Office of the TRADOC Engineer on Basic Training Barracks was given to MG Hunter, Director, Military Programs on 29 May 1998. At this briefing, TRADOC requested USACE support on the review of the DA standard design for trainee barracks to determine if the existing standard is still responsive to the user's functional and operational requirements. This standard is approximately ten years old and may not meet the future needs for training of incoming soldiers in the 21st century. There is Congressional interest in providing upgraded barracks for Army trainees. The OACSIM and TRADOC are looking out long range beyond the buyout of the Army permanent party barracks requirement. The meeting discussed the need to have senior TRADOC leadership involved early in the process to ensure buy-in to a revised or new standard. A initial kick off meeting is being coordinated by Tulsa District, Center of Standardization for Basic Training Barracks, with representatives from OACSIM and TRADOC.

! USACE Facilities Standardization Committee. A meeting of the USACE Facilities Standardization Committee will be held 21 - 23 July 1998. The meeting will be held at the Red Roof Inn, Washington, D.C. Discussion items will include, but not be limited to, DA standard design packages status, MILCON program, Centers of Standardization, funding, CADD library status, installation support initiatives and new roles and directions.

! Contact Al Young for additional information.

Historic Preservation

! Historic Structures, Maintenance and Repair, PROSPECT 392, was presented to an enthusiastic audience of 37 students, 16- 20 March 1998. Students continue to rate all the topics as highly beneficial, and give the instructors praise for their preparation and presentation.

Highlights of the trip are the field trip to Ft. Lewis, WA, and the evening visit to the Lake Washington Ship Canal.

! Historic Structures, Maintenance and Repair, PROSPECT 392, will be offered again in Seattle, WA, 15-19 March 1999, at a tuition of \$1,315. See **Training** for additional information.

! Historic Structures, Craft Skills Training, PROSPECT 163, will be offered at Fort Monroe, VA, 25-30 April 1999, at a tuition of \$1,505. This course offers hands-on training in the development of craft skills associated with historic preservation. See **Training** for additional information.

! For additional information on historic preservation issues, contact Frank Norcross.

Interior Design

! Interior Design: Goals, Processes, and Issues, PROSPECT 335, will be offered in Washington, DC, on 19-23 April 1999, at a tuition of \$1,540. Interior design is a dynamic field in which technology and policy are continually changing. This course shows USACE and installation personnel involved with buildings and their interiors how to successfully negotiate the planning, design, and execution processes associated with interior design in the federal government. See **Training** for additional information.

! Interior Design Manual for Single Soldier Housing. DAIM-FDH-M has been working with CEHNC to develop this manual and to improve the central procurement of furnishings for UEPH. Problems have occurred because furniture is sometimes too large for the UEPH rooms. After a brief experiment, where CEHNC attempted to prepare specifications, they are now working with the National Furniture Center, GSA, to establish lines of products on GSA schedules which will meet the space

limitations of UEPH. The USACE buy for UEPH furnishings is large enough that UNICOR grants some waivers each year. Although DAIM-FDH-M negotiates the program on a yearly basis with UNICOR, BRAC projects are generally designed and executed by USACE districts.

! Design Guide (DG) for Interiors, DG 1110-3-122. The design guide has been loaded on the USACE documents home page at <http://www.usace.army.mil/inet/usace-docs/design-guides/cemp.htm>. The CDROM version of the design guide was also sent to the USACE Publications Depot, 2803 52nd Avenue, Hyattsville, MD 20781, 301-394-0081/82/83/84. It should be available there now. Omaha District and the Government Printing Office are printing a paper version of A Guide to Excellent Interiors, the promotional brochure introduction to the design guide. Omaha anticipates making a distribution to the depot and to those who received the CDROM in two to three months.

! FPI Design Advisory Committee (DAC). The DAC met in Washington, DC, on 19-20 May 1998 to preview new products and to discuss project management issues. With the retirement of **Cheryl Maslonka, USAED, Omaha, Cameon Zacher, USAED, Sacramento**, was appointed to the FPI DAC. **Karen Gallman, USAED, Louisville**, and **Frank Norcross, HQUSACE**, also attended the meeting. **Ms. Gallman** represents Louisville as point of contact for the **Memorandum Of Agreement Among the USAR, FPI, and USACE for Furniture Procurement for Army Reserve Facilities**, which was signed by the Chief of Army Reserve, on 6 January 1998. I attended because I am in the process of negotiating a **General MOA Between FPI and USACE**. See related article below.

! General MOA Between FPI and USACE. FPI prepared a first draft of the General MOA and gave it to USACE for review on 18 May 1998. CEPR-P, CECC-J, CEMP-MP, CEMP-E will review the draft and offer a revised draft which reflects the needs of USACE and its customers. In addition HQUSACE CESP, CESAM, CESWF, CELRL, HQUSAF, AFCEE, and HQTRADOC have also offered comments. I am working on a draft for presentation to HQUSACE staff and HQUSAF on 1 July 1998. A meeting with FPI is tentatively scheduled for 8 July 1998. I wish to express my appreciation to the interior designers who have offered me the benefit of their concerns and experiences. I will try to give you feedback and solicit your input again as the document develops.

Mobile District Problems with FPI. Representatives from HQ FPI met with CESAM on 21 April 1998 to discuss the MILCON Projects, Addition to Command and Control, MacDill AFB, and Software Development and Maintenance Facility, Maxwell/Gunter AFB, AL. CESAM discussed requirements and schedules for the projects and reviewed project history. After discussion, FPI elected to honor the waiver obtained from the regional representative for the Addition to the Command and Control Facility at the 35% design level. The Software Development and Maintenance Facility is Design/Build, and proposals responding to the RFP were requested on 15 May 98. FPI indicated that they could not participate in this particular project, but they want to develop procedures to facilitate future participation.

! Frank Norcross, USACE Interior Design Proponent.

Millimeter (mm) News

! Guide Specification CEGS-01415, Metric Measurements. It has been brought to our attention that some metric projects are being awarded without including the guide specification CEGS-01415, metric measurements, in the contract document. Inclusion of this specification section is critical for all metric projects since it establishes the basis for Contractor compliance with the specific metric requirements and provides information necessary to better understand the metric requirements and terminology.

! Revision to Guide Specifications. The Corps of Engineers Guide Specifications (CEGS) pertaining to the masonry, non-bearing masonry walls, and acoustical ceiling systems have been modified to comply with the new metric law, *Savings in Construction Act of 1996 (P.L. 104-289)*, and are now available on the HQUSACE-sponsored TECHINFO site on the Internet. These changes provide guidance on how to provide options for using either metric (referred to as hard metric) concrete masonry units (CMU) and recessed light fixtures (RLF) or their inch-pound substitutes (referred to as soft metric) in metric projects, without compromising the quality of design. The revised specifications offer the general contractor the choice of using either hard or soft metric CMU blocks/ RLF based on his total installed price. We are not obligated to modify our design, such as altering the length of the wall and dimensions/spacing of other elements in the wall -like doors, windows, rebars, etc.- to accommodate the use of soft metric CMU blocks.

However, the project specifications may not be unduly restrictive.

Tri-Service Unified Design Guide

! Unified Design Guidance. The House Conference Report 105-247, dated 9 September 1997, on *Unified Design Guidance* directs DoD and the Services to submit a joint report to the congressional defense committees by 31 March 1998 which identifies: (1) areas where uniform procedures, systems, and/or criteria are already in use, (2) other possible areas where it may be practical to create more uniformity, and (3) the most cost-effective system for implementing improvements either through a greater use of tri-service groups, through centralized development and management under one of the services with design and construction authorities; or through centralizing the development and management of design guidance under the Secretary of Defense.

A Tri-Service Working Group (TWG) was established by the Chiefs of Engineering Division of each Services to develop Unified Design Guidance Report. The final report, approved by the Departmental Secretariat, was submitted to DoD in early March and DoD submitted the report to the Congress in late March 1998. We are waiting for further direction from the Congress.

! For additional information on unified design guidance, contact Rick Dahnke.

Upcoming Events

! USACE Architects, Interior Designers, Landscape Architect's World-Wide Workshop. The Fort Worth District is presently coordinating actions with HQUSACE in hopes of hosting the workshop in 1999. The Workshop is tentatively being planned for San Antonio, Texas during the April/May 1999 time frame. More information to follow as plans are developed and decisions are made.

Important Web Sites

! The Architectural and Master Planning Team (CEMP-ET) Home Page provides easy access to hot topics and guidance that the team is responsible for. We welcome your input to help us improve communication, share lessons-learned, and provide the information you need. **Send comments and suggestions to us directly from**

the Home Page at http://www.hq.usace.army.mil/cemp/e/ea/cemp_ea.htm.

! The Installation Support Home Page provides topical guidance, the current list of USACE Design Champions for Installation Support (DCIS), and the AEI for Installation Support. **This site is located at** <http://www.hq.usace.army.mil/cemp/e/cemp-e.htm>.

! The USACE Publications Library will eventually provide access to official DA and USACE circulars, manuals, regulations, and other documents originating from HQUSACE and issued by the Directorate of Information Management. These publications are being uploaded as they are digitized and converted to PDF (Portable Document File) Format. This initiative is anticipated to be completed with all pubs on-line by the end of this fiscal year. **The library site is located at** <http://www.usace.army.mil/inet/usace-docs/>.

! TECHINFO is the official HQUSACE-sponsored site where CEGS, CEAGS, and CWGS are maintained and issued, along with approved Architectural and Engineering Instructions (AEI), Engineering Instructions (EI), Engineering Improvement Recommendation System (EIRS) Bulletins, and related support documents. **TECHINFO** also links to the USACE Publications Library for access to engineering, design, and construction DA and USACE publications. **This site is located at** <http://www.hnd.usace.army.mil/techinfo/index.htm>.

! The Construction Criteria Base (CCB), maintained in CD-ROM and on-line formats by the National Institute of Building Sciences (NIBS), also contains all USACE engineering, design, and construction criteria, as well as related criteria issued by other military, Federal, and private sector organizations. In the near future, NIBS will link to TECHINFO to access our consolidated criteria database for distribution on CCB. This will ensure that we have the same guidance published on all of our distribution sources. **The Internet version of CCB is located at** <http://www.nibs.org/ccb>.

! The U.S. Air Force Departmental Publications Library for official AF criteria is located at <http://129.198.24.125/baseinfo/afmenu/usafpubs.htm>.

! The SPECSINTACT (SI) Home Page, maintained by the

Kennedy Space Center (KSC), accepts user feedback and provides access to the latest software releases, software release notes, the on-line *User Guide*, lessons learned, and other current news. **The SI site is located at** <http://si.ksc.nasa.gov/specsintact>.

! The Library of CADD Designs is maintained by the Tri-Service CADD/GIS Technology Center at CEWES and contains CADD drawings for USACE projects, CADD details, and standard symbols available for viewing and downloading. **This site is located at** <http://cadlib.wes.army.mil/cadlib.htm>.

! Accessibility Publications. Americans with Disabilities Act (ADA) materials are on-line at <http://www.usdoj.gov/crt/ada/publicat.htm>.

! The U.S. Architectural and Transportation Barriers Compliance Board (ATBCB) Home Page is located at <http://www.access-board.gov/>. ATBCB has served the nation as the only independent Federal agency whose primary mission is accessibility for people with disabilities. This site provides current accessibility news updates, answers to frequently-asked questions, and required guidance.

! The Government Printing Office (GPO) Access Home Page provides access to several Federal publication databases such as the *Federal Register*, *Congressional Record*, and *Code of Federal Regulations*. **This site is located at** http://www.access.gpo.gov/su_docs/aces/aces002.html.

! For more information, contact Rick Dahnke.

Definitions

! Definition of the December 1997 Word. THOLOS. 1. In Greek architecture, any rounded building. 2. The corbeled, domed tombs of the Mycenaean period. 3. A domed rotunda.

! Next Issue's Definition: KISS MARK

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